

# ILLINOIS

## Science and Engineering Profile

	Illinois	U.S.	Rank		Illinois	U.S.	Rank
Doctoral scientists, 1993	17,727	430,332	7	Total R&D performance, 1993 (millions)	\$6,768	\$161,427	9
Doctoral engineers, 1993	2,957	81,293	8	Industry R&D, 1993 (millions)	\$5,242	\$117,622	7
S&E doctorates awarded, 1993	1,384	25,409	5	Academic R&D, 1993 (millions)	\$748	\$19,489	7
of which, in engineering	22%	22%		of which, in life sciences	49%	55%	
in life sciences	21%	24%		in physical sciences	13%	11%	
in social sciences	18%	15%		in engineering	12%	16%	
S&E postdoctorates, 1993				Higher education current-fund			
in doctorate-granting institutions	1,148	34,394	8	expenditures, 1993 (millions)	\$8,572	\$163,994	5
S&E graduate students, 1993				Number of SBIR awards, 1990-93	234	13,995	15
in doctorate-granting institutions	21,755	438,128	6	Patents issued to state residents, 1994	2,834	56,039	6
Population, 1994 (000s)	11,752	260,341	6	Gross state product, 1992 (billions)	\$294.4	\$5,994.1	4
Civilian labor force, 1994 (000s)	5,999	131,013	5	of which, agriculture	2%	2%	
Personal income per capita, 1994	\$23,784	\$21,809	10	manufacturing, mining, construction	23%	23%	
Federal spending				transportation, communication, utilities	10%	9%	
Total expenditures 1994 (millions)	\$49,936	\$1,284,896	6	wholesale and retail trade	17%	16%	
R&D obligations 1993 (millions)	\$964	\$65,394	16	finance, insurance, real estate	19%	18%	
				services	20%	20%	
				government	10%	12%	

Rankings and totals are based on data for the 50 States and D.C.

## Federal Obligations for Research and Development in Illinois by Agency and Performer: Fiscal Year 1993

[Thousands of dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
<b>Total, all agencies</b>	963,774	83,136	375,985	80,657	373,167	45,563	5,266	16
<b>Department of Agriculture</b>	40,484	29,522	0	5	10,920	37	0	7
<b>Department of Commerce</b>	2,475	89	0	1,820	215	0	351	30
<b>Department of Defense</b>	139,030	39,516	7,780	42,454	41,718	7,562	0	26
<b>Department of Energy</b>	425,177	4,414	367,199	24,794	24,954	2,836	980	4
<b>Dept. of Health &amp; Human Services</b>	241,308	2,709	0	5,786	200,521	31,721	571	10
<b>Department of the Interior</b>	5,036	4,058	0	60	727	0	191	38
<b>Department of Transportation</b>	6,634	77	560	1,598	436	1,164	2,799	21
<b>Environmental Protection Agency</b>	1,133	0	0	249	510	0	374	33
<b>Nat'l Aeronautics &amp; Space Admin.</b>	16,016	2,476	386	1,599	11,227	328	0	23
<b>National Science Foundation</b>	86,481	275	60	2,292	81,939	1,915	0	6
<b>State rank</b>	16	26	4	28	8	14	13	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources.